

1000431000000

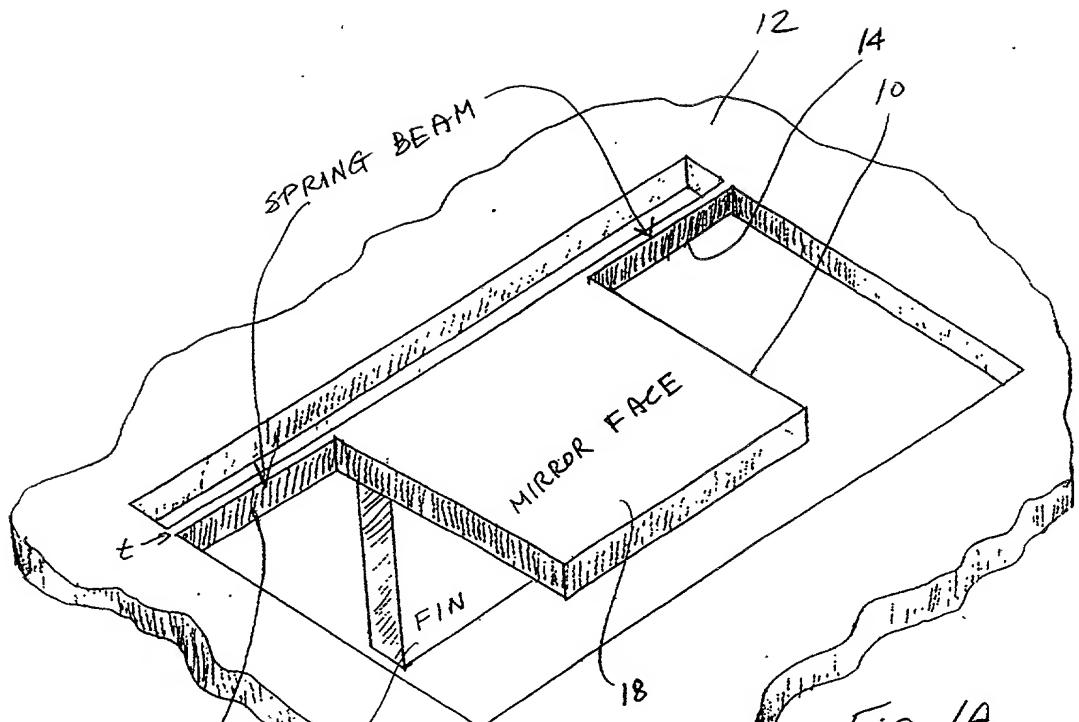


Fig. 1A

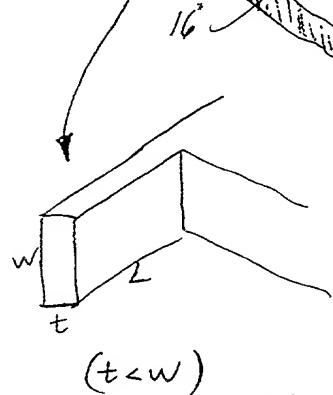


Fig. 1B

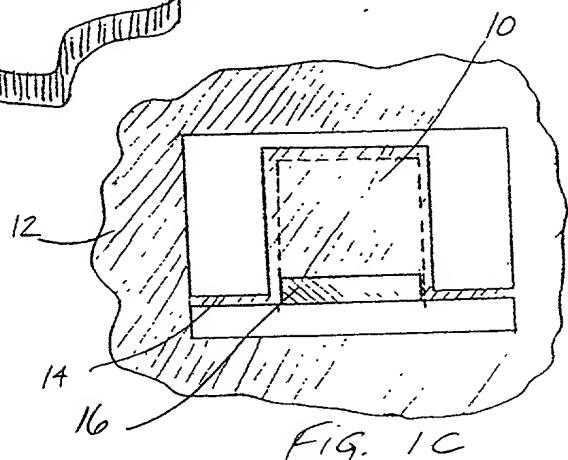


Fig. 1C

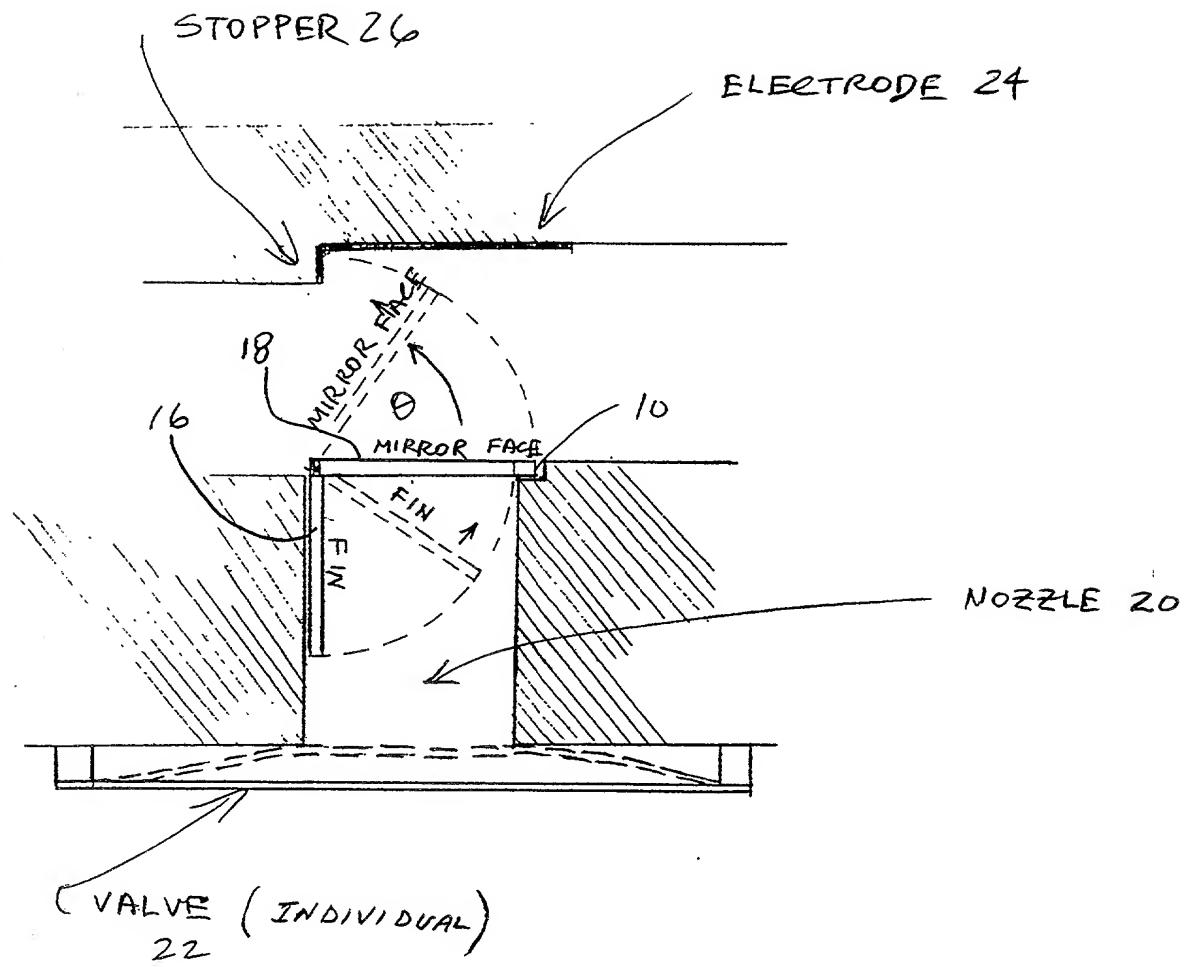


Fig. 2

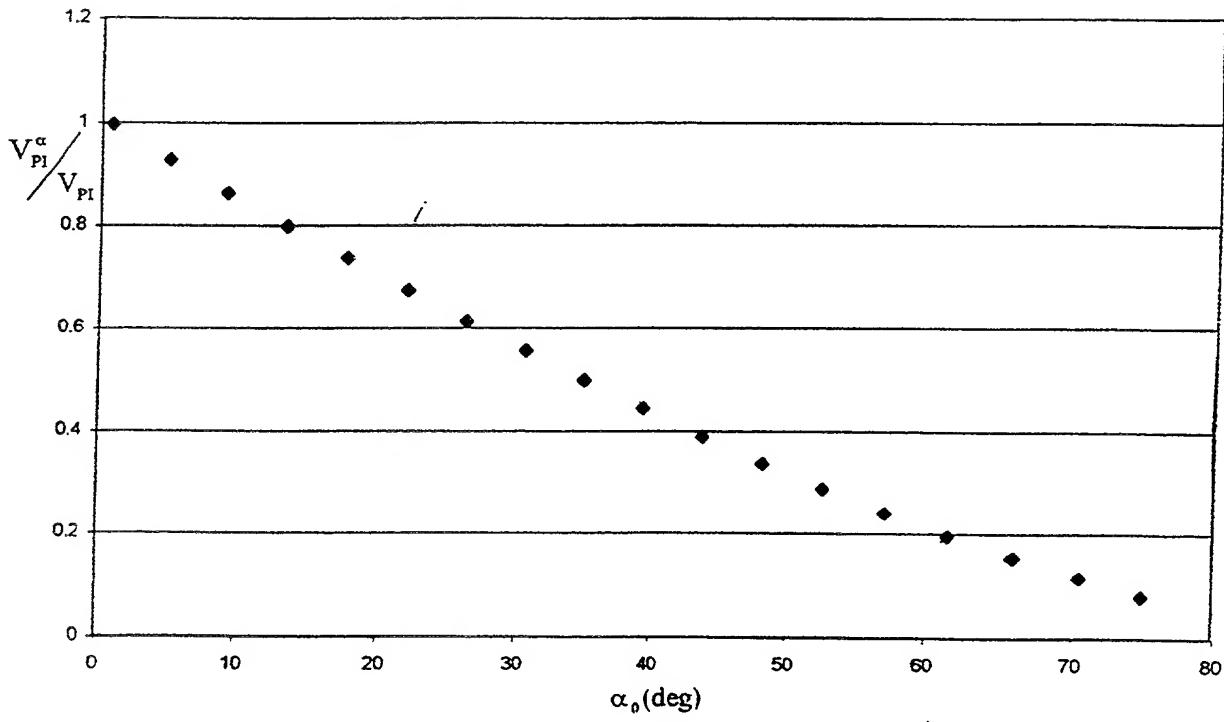


Fig. 3

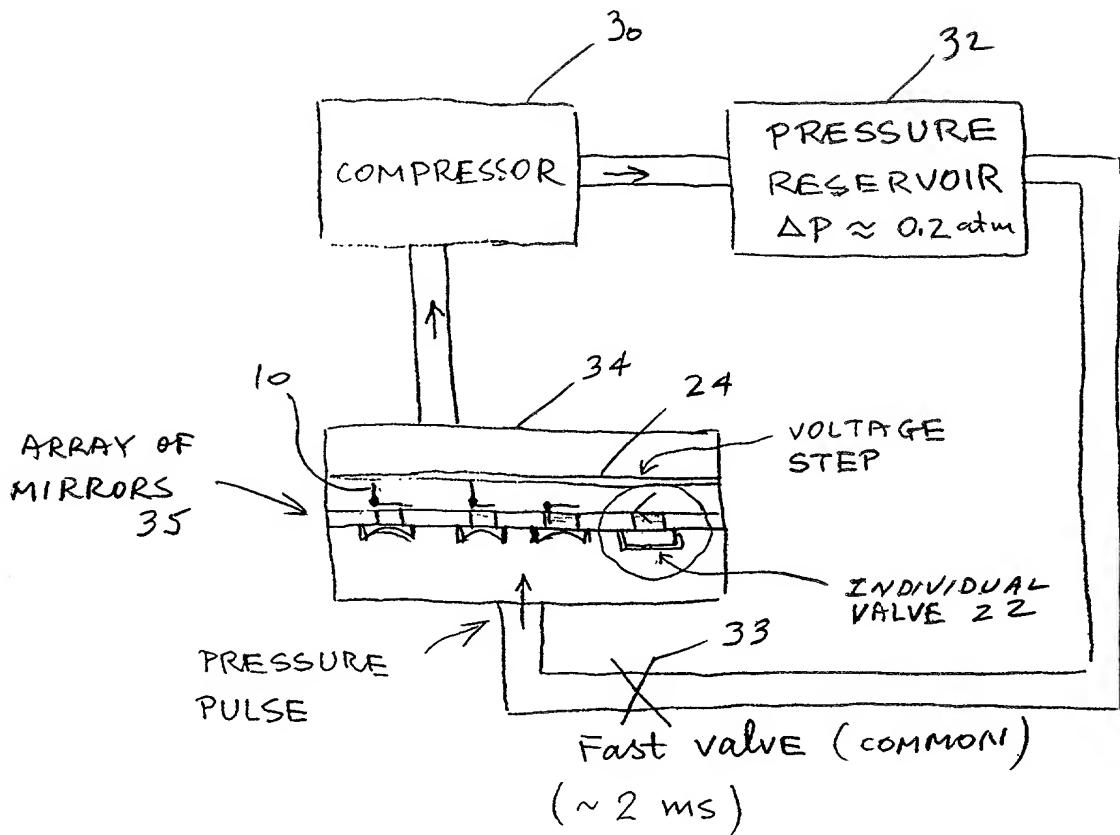


FIG. 4

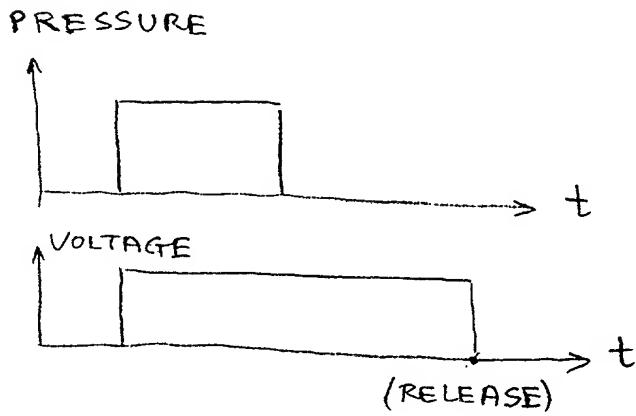


FIG. 5

thickness= 5e-007 [meter]  $v = 50$  [volt]  
 length= 0.0003 [meter]  
 width= 1e-005 [meter]  
 elastic= 7.000000e+010 [pascal]  
 srp= 0.1 [atmosphere]

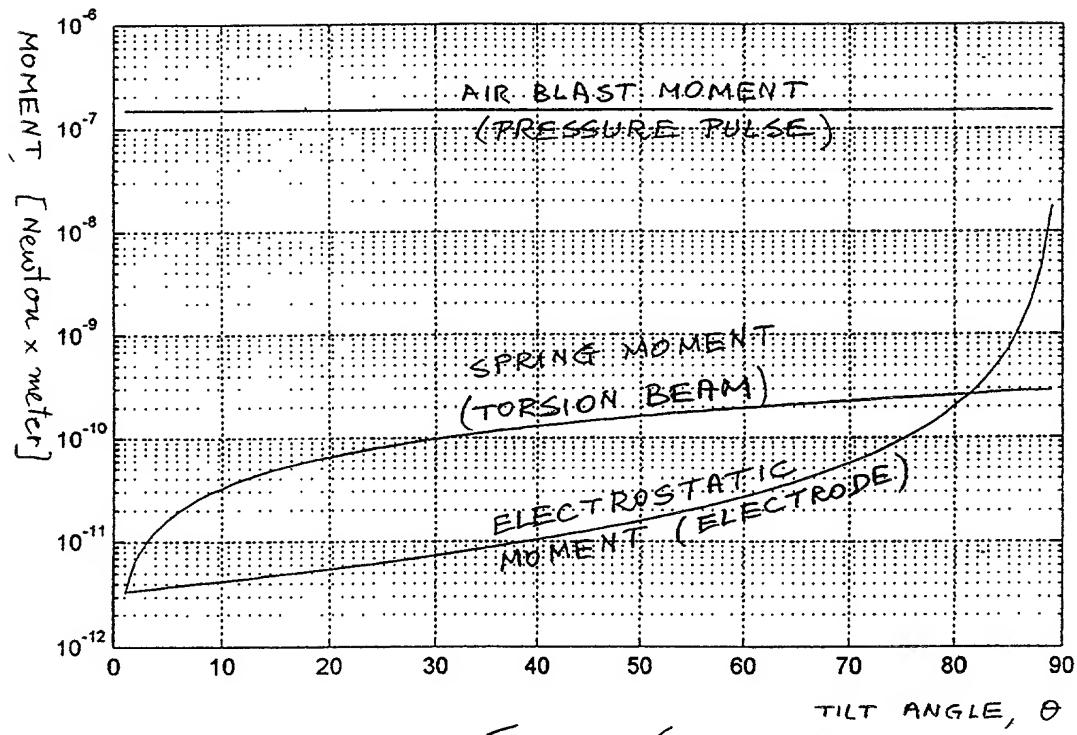
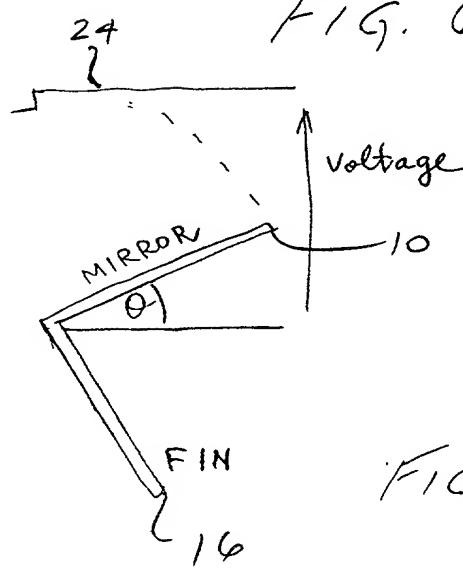


FIG. 6



$$\text{Spring Moment} = k \cdot \theta$$

FIG. 7

thickness= 2e-006 [meter]       $v = 50$  [Volt]  
 length= 0.0003 [meter]  
 width= 1e-005 [meter]  
 elastic= 7.00000e+010 [pascal]  
 srp= 0.1 [atmosphere]

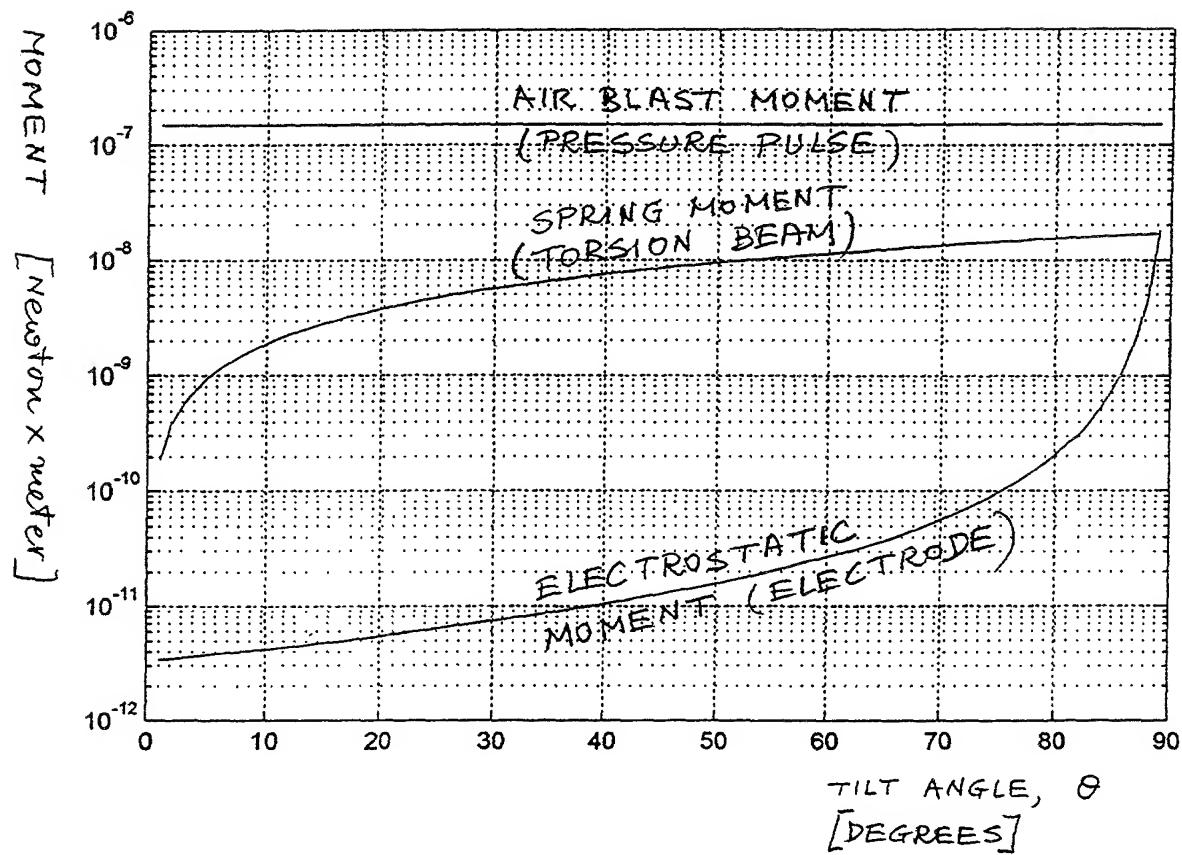


FIG. 8

thickness= 2e-006 [meter]      v= 200 [volt]  
 length= 0.0003 [meter]  
 width= 1e-005 [meter]  
 elastic= 7.000000e+010 [pascal]  
 srp= 0.1 [atmosphere]

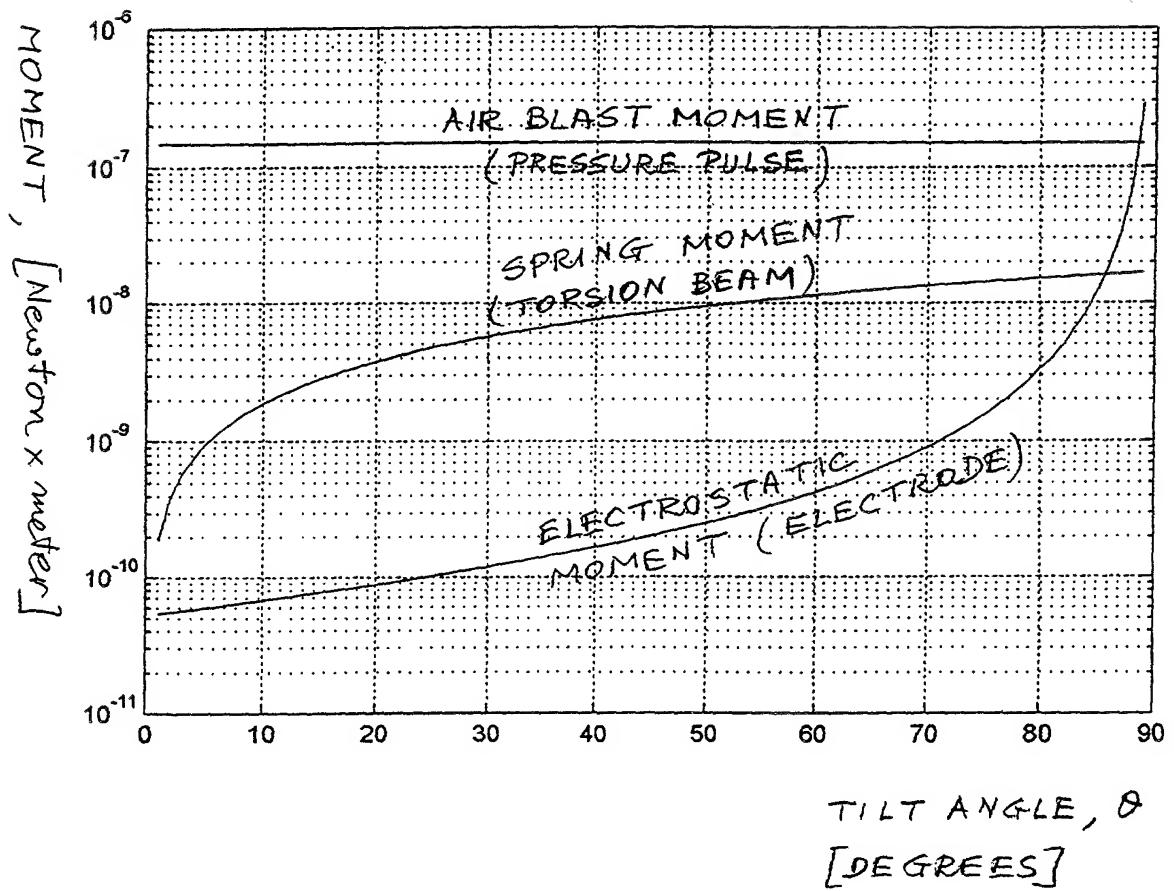


FIG. 9